

Components of a Clinical and Translational Sciences Academic Home

- Strong support for Dr. Zerhouni's initiative
- Must be broad-based
- Must have sufficient and durable commitment of resources

Components of a Clinical and Translational Sciences Academic Home

- Terminology – what is translational research?
 - AAMC/NIH definition?
 - Include animals?
 - Include cells, DNA, proteins?
 - Requires IRB?
 - Participant/patient-oriented?
 - Extends to populations
 - Include clinical trials?

Components of a Clinical and Translational Sciences Academic Home

- Goal - ↑ institutional commitment and capacity to implement high quality translational research
- Structures - potential
 - Departments
 - Centers
 - GCRCs, RCMIs – without walls?
 - Cancer Centers
 - Others
 - Institutes
 - Research offices
 - Outside AHCs
 - NIH Clinical Center
 - Hospitals

Components of a Clinical and Translational Sciences Academic Home

- Core technologies
 - NMR, PET, core labs including genomics, proteomics
- Training environment – for MDs and non-MDs
 - Clinical sciences programs
 - Graduate programs
 - Educators
- Career support
 - Mentors
 - Junior faculty development
 - New grant mechanisms
 - Mid-career
- Leadership – advocacy, personnel support

Components of a Clinical and Translational Sciences Academic Home

■ Resources

■ IRBs

- Need work

■ 'Glues'

- Clinical therapeutics

■ Cores

- Recruitment
- Minority
- Data coordination (informatics)
- Research coordinators

- Space – dry, appropriately located

- Buildings, renovations

Components of a Clinical and Translational Sciences Academic Home

- Problems
 - Disconnect between basic and clinical science
 - Clinical trials
 - Paucity of clinical scientists – mechanistic studies
- \$ for recruitment of clinical scientists
 - Co-recruitment strategies
- Liability issues
- DSMBs
- Institutional responsibilities - flexibility